

Listing Of Claims

- AI.
1. (Original) A method of selecting documents from a data stream, comprising:
selecting a resource having information comparable to said data stream;
selecting at least one topic;
analyzing said topic against said resource;
analyzing said topic against said data stream; and
comparing results from said data stream analysis to results from said resource analysis to
select a document from said data stream.
 2. (Original) A method of selecting documents from a data stream, comprising:
selecting a profile;
analyzing a reference corpus of documents against said profile to determine at least one
score;
scoring at least one document from said data stream against said profile; and
comparing said scores from said data stream document to said at least one score from
said reference corpus to select said document from said data stream.
 3. (Original) A method as in claim 2, further comprising:
determining a plurality of reference corpus scores defining a plurality of delivery ratios;
and
determining a delivery ratio that corresponds to said score from said data stream
document to select said data stream document.
 4. (Original) A method as in claim 3, wherein said delivery ratios correspond to said
reference corpus scores according to an exponential decay function.

5. (Currently Amended) A method as in claim 4, wherein said step of determining a delivery ratio further includes the step of evaluating said exponential decay function is defined as:

$$r_k = \frac{1 \cdot a^k}{1 \cdot a^{(n+1)}}$$

wherein $k \in [1, n]$ corresponds to an integer $\in (0, n)$, n corresponds to an integer ≥ 1 , $a \in (1, \infty)$, and r_k corresponds to a delivery ratio.

6. (Original) A method as in claim 3, wherein said delivery ratios correspond to said reference corpus scores according to a power law function.

7. (Currently Amended) A method, as in claim 6, wherein said step of determining a delivery ratio further includes the step of evaluating said power law function is defined as:

$$r_k = (K/(N+1))^{(1/S)}, \text{ wherein } N \text{ corresponds to an integer } \geq 1, \text{ and } S \in (1, \infty).$$

8. (Original) A method of retrieving information from a data source, comprising:
- receiving an information request from a communications network;
 - selecting a data source;
 - selecting a resource having information comparable to said selected data source;
 - selecting at least one topic;
 - analyzing said topic against said resource;
 - analyzing said topic against said selected data source; and
 - comparing results from said selected data source analysis to results from said resource analysis to retrieve at least one document from said selected data source; and
 - transmitting said retrieved documents over said communications network.

9. (Original) A method of retrieving information from a data source, comprising:
- receiving an information request from a communications network;
 - selecting a data source;
 - selecting a profile;
 - analyzing a reference corpus of documents against said profile to determine at least one score;
 - scoring at least one document from said selected data source against said profile; and
 - comparing said scores from said selected data source documents to said at least one score from said reference corpus to retrieve at least one document from said selected data source; and
 - transmitting said retrieved documents over said communications network.
10. (Original) A method as in claim 9, further comprising:
- determining a plurality of reference corpus scores defining a plurality of delivery ratios;
 - and
 - determining a delivery ratio that corresponds to said score from said data stream document to select said data stream document.
11. (Original) A method as in claim 10, wherein said delivery ratios correspond to said reference corpus scores according to an exponential decay function.
12. (Currently Amended) A method as in claim 11, wherein said step of determining a delivery ratio further includes the step of evaluating said exponential decay function is defined as:

$$r_k = \frac{1 \cdot a^k}{1 \cdot a^{(n+1)}}$$

wherein $k[[',]]$ corresponds to an integer $\in (0, n)$, n corresponds to an integer ≥ 1 , $a \in (1, \infty)$, and r_k corresponds to a delivery ratio.

13. (Original) A method as in claim 10, wherein said delivery ratios correspond to said reference corpus scores according to a power law function.

14. (Currently Amended) A method, as in claim 13, wherein said step of determining a delivery ratio further includes the step of evaluating said power law function is defined as:

$r_k = (K/(N+1))^{(1/S)}$, wherein N corresponds to an integer ≥ 1 , and $S \in (1, \infty)$.

15. (Original) A computer system for retrieving information from a data source, comprising:

a central processing unit coupled to a memory unit, an input system and a communications network;

said central processing unit executes instructions retrieved from said memory in response to commands entered into said input system, said central processing unit transmits a request over said communications network, said request causes a computer system receiving said request to:

- i) select a data source;
- ii) select a profile;
- iii) analyze a reference corpus of documents against said profile to determine at least one score;
- iv) score at least one document from said selected data source against said profile;

- v) compare said scores from said selected data source documents to said at least one score from said reference corpus to select at least one document from said selected data source; and
- vi) transmit said selected documents over said communications network; and said central processing unit executes instructions to retrieve said selected documents from said communications network.

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- 16. (Original) A system, as in claim 15, wherein said receiving computer system: determines a plurality of reference corpus scores defining a plurality of delivery ratios; and determines a delivery ratio that corresponds to said score from said data stream document to select said data stream document.
 - 17. (Original) A system as in claim 16, wherein said delivery ratios correspond to said reference corpus scores according to an exponential decay function.
 - 18. (Currently Amended) A method as in claim 17, wherein said step of determining a delivery ratio further includes the step of evaluating an exponential decay function is defined as:

$$r_k = \frac{1 \cdot a^k}{1 \cdot a^{(n+1)}}$$

wherein $k \in [1, n]$ corresponds to an integer $\in (0, n)$, n corresponds to an integer ≥ 1 , $a \in (1, \infty)$, and r_k corresponds to a delivery ratio.

- 19. (Original) A method as in claim 17, wherein said delivery ratios correspond to said reference corpus scores according to a power law function.

20. (Currently Amended) A method, as in claim 19, wherein said step of determining a delivery ratio further includes the step of evaluating said power law function is defined

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as:

$r_k = (K/(N+1))^{(1/S)}$, wherein N corresponds to an integer ≥ 1 , and $S \in (1, \infty)$.
